

**What is claimed is:**

1. A stereoscopic imaging system, comprising:

a display arranged to display separate images, one representing a right eye portion of a stereoscopic image, and the other representing a left eye portion of the stereoscopic image;

polarizers arranged to oppositely polarize the left and right eye images;

an image interlacing arrangement for combining the oppositely polarized left eye and right eye images; and

polarizing filters for enabling respective right and left eyes of a person to view the corresponding oppositely polarized and interlaced left and right eye images.

2. A stereoscopic imaging system as claimed in claim 1,

wherein the image interlacing arrangement includes:

a microprism sheet including a substrate and a plurality of grooves having intersecting sides that form a v-shape, the sides of the grooves forming first and second sets of substantially planar surfaces,

wherein said sides of the grooves are respectively arranged to refract light from first and second image sources so that said light from said first and second image sources exits said microprism sheet in parallel to form an interlaced image.



[illegible]

Altitude	Latitude	Longitude	Time	Wind	Temp	Humidity	Pressure	Clouds	Remarks
10000	10° 15' N	106° 15' E	0600	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	0700	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	0800	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	0900	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	1000	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	1100	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	1200	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	1300	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	1400	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	1500	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	1600	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	1700	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	1800	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	1900	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	2000	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	2100	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	2200	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	2300	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	2400	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	2500	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	2600	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	2700	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	2800	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	2900	10	25.0	80	1010	0	Clear
10000	10° 15' N	106° 15' E	3000	10	25.0	80	1010	0	Clear

[illegible][illegible]

- [illegible]

- Sub  
C2

- Sub  
D3

Sub  
D3  
end

12. A stereoscopic effects device as claimed in claim 8, wherein said video display screen is an LCD screen.
13. A microprism sheet, comprising a plurality of parallel facets defined by grooves having intersecting sides that form a v-shape, wherein dimensions of said facets vary between a center of a sheet and edges of said sheet.
14. A microprism sheet as claimed in claim 13, wherein a size of said facets increases towards the edges of said sheet.
15. A microprism sheet, comprising a plurality of parallel facets defined by grooves having intersecting sides that form a v-shape, wherein said sheet is non-planar.
16. A microprism sheet as claimed in claim 15, wherein dimensions of said facets vary between a center of a sheet and edges of said sheet.
17. A microprism sheet as claimed in claim 16, wherein a size of said facets increases towards the edges of said sheet.



20. A stereoscopic imaging method, comprising the steps of:

capturing left eye and right eye portions of an image;

and

transmitting the left and right eye portions of the image to an image display device for display as separate images which can be polarized and combined following display to form an interlaced, oppositely polarized image that, when viewed through polarizing lenses, will exhibit a stereoscopic effect.

000000-12233300